kde_deployment

Took 0 sec. Last updated by admin at June 17 2025, 12:58:04 PM. (outdated)

FINISHED

Took 0 sec. Last updated by admin at June 10 2025, 4:48:19 PM. (outdated)
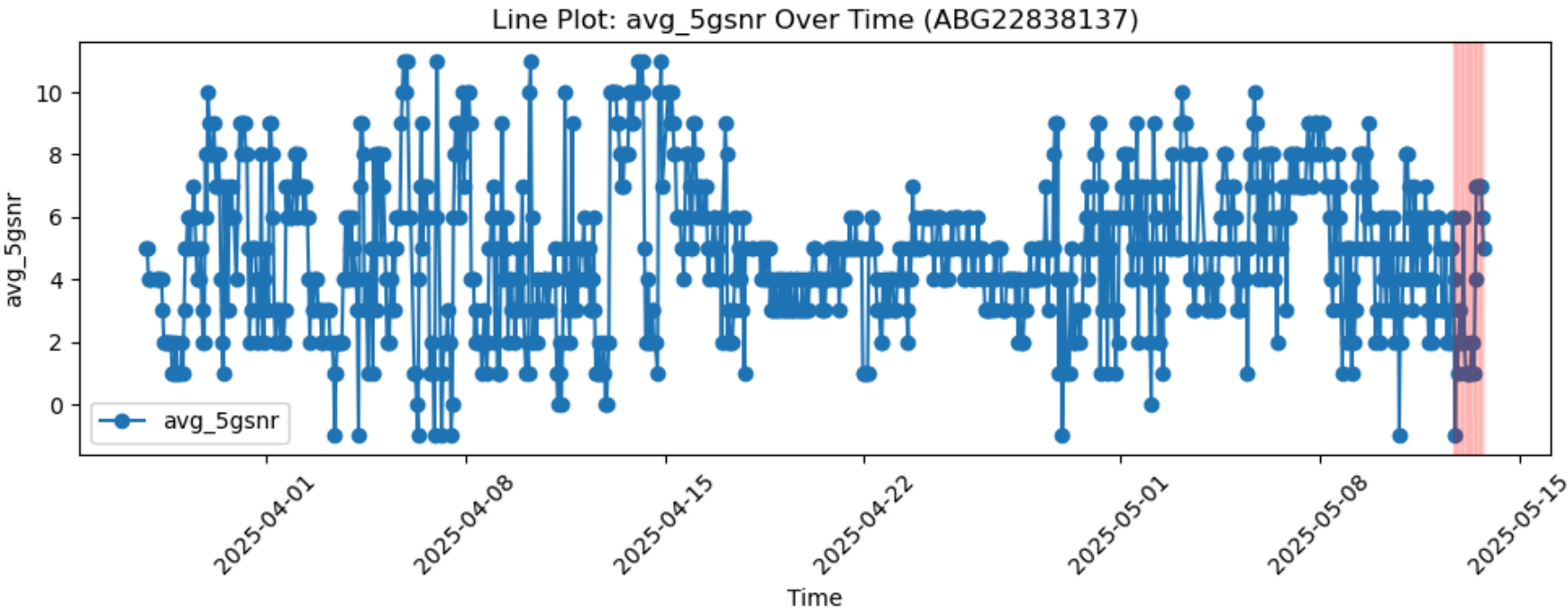
FINISHED

```pyspark
%pyspark
feature_col="avg_5gsnr"
time_col="hour"

df = df_cap_hour_pd[[time_col, feature_col]].copy()

len_test = 26
len_train = len(df)-len_test
detector = FeaturewiseKDENoveltyDetector(df = df,
                                         feature_col=feature_col,
                                         time_col=time_col,
                                         bandwidth=0.5,
                                         train_idx=slice(0, len_train),
                                         new_idx=slice(-len_test, None),
                                         train_percentile=99)

detector.plot_line(sn_num= sn_num )
```
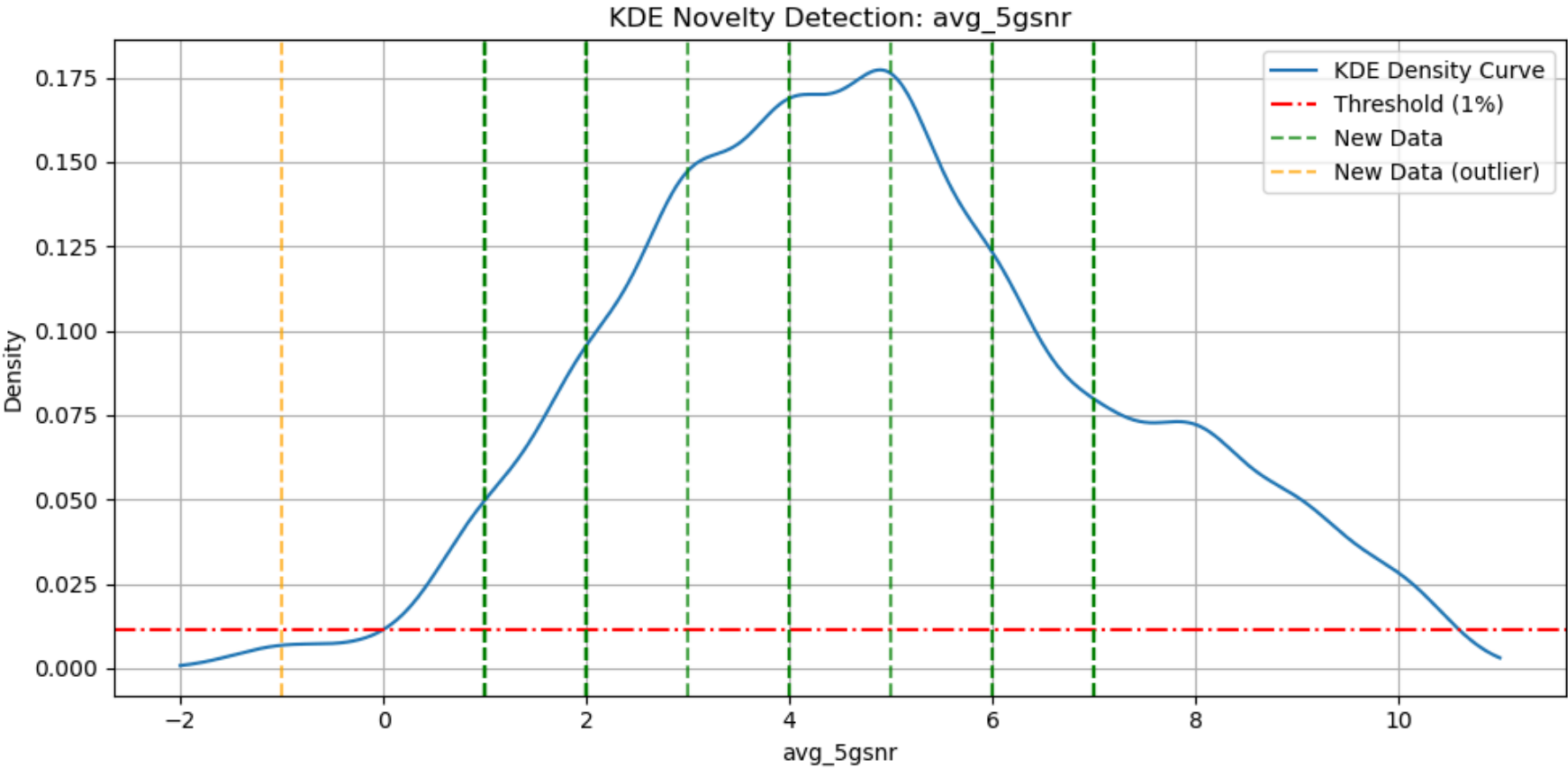
FINISHED

Took 0 sec. Last updated by admin at June 10 2025, 5:02:50 PM.

```pyspark
%pyspark
result = detector.fit()
print(result)
detector.plot_kde()
```

FINISHED

{'new_densities': array([0.16882479, 0.00685115, 0.09558957, 0.04977599, 0.09558957,
       0.14731571, 0.09558957, 0.09558957, 0.12321258, 0.09558957,
       0.04977599, 0.04977599, 0.04977599, 0.04977599, 0.04977599,
       0.09558957, 0.09558957, 0.04977599, 0.16882479, 0.07980291,
       0.07980291, 0.07980291, 0.07980291, 0.07980291, 0.12321258,
       0.17619447]), 'threshold (1% quantile)': 0.01147709859545201, 'outlier_count': 1, 'total_new_points': 26, 'outlier_indices': [1]}

Took 1 sec. Last updated by admin at June 10 2025, 5:02:54 PM.